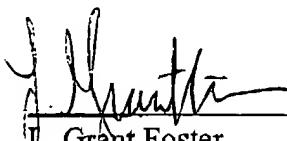


transmission line 46 to detect the difference in phase between the reference square wave voltage signal and the signal provided to the transmission line. The details of components included in each of these three blocks are show in Fig. 4, along with a buffer block 53 which buffers the square wave signal from the oscillator to the transmission line.

Respectfully submitted,



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